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CERTIFICATE OF ANALYSIS

Name of the Sample : L-Cystine for biochemistry
Batch No. : 226007
Date of Mfg : Sep 2022
Date of Exp : Aug 2027
Register No. : 2022-23
Qty of Sample : 25gm
Date of Analysis : Sep 2022

S.No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder
2.	Assay	99.5%	Min. 99%
3.	Specific rotation (1% in N hydrochloric acid)	-218.9°	-218° to -224°
4.	Loss on drying at 110°C	0.22%	Max. 0.5%
5.	Sulphated ash	< 0.1%	Max. 0.1%
6.	Iron (Fe)	< 0.002%	Max. 0.002%
7.	Lead (Pb)	< 0.001%	Max. 0.001%

Chief Chemist